

What Is Claimed Is:

1. A method for acquiring driving data of a vehicle, comprising:
calculating a three-dimensional, kinematic vehicle model, the vehicle model including at least one linear-motion-dynamics signal and at least one lateral-motion-dynamics signal that can be utilized for reconstructing a vehicle movement.
2. The method as recited in Claim 1, further comprising:
recording a time signal.
3. The method as recited in Claim 2, further comprising:
obtaining the time signal from a real-time radio clock.
4. The method as recited in Claim 1, wherein:
the at least one linear-motion-dynamics signal includes at least one of speed signals of all wheels, vehicular-speed signals, longitudinal-acceleration signals, and a GPS signal.
5. The method as recited in Claim 1, wherein:
the at least one lateral-motion-dynamics signal includes at least one of rotational-rate signals, lateral-acceleration signals and steering-angle signals.
6. The method as recited in Claim 1, further comprising:
utilizing a radar signal.
7. The method as recited in Claim 1, further comprising:
utilizing a rotational-rate signal of an ESP system.
8. The method as recited in Claim 1, further comprising:
outputting a message based on the at least one linear-motion-dynamics signal and the at least one lateral-motion-dynamics signal in response to a predeterminable event.
9. The method as recited in Claim 1, further comprising:

allocating one of spatially and geometrically a plurality of vehicles to one another.

10. A device for acquiring vehicle data, comprising:

a device for recording at least one linear-motion-dynamics signal and at least one lateral-motion-dynamics signal; and

a processing unit for calculating a three-dimensional kinematic vehicle model based on the at least one linear-motion-dynamics signal and the at least one lateral-motion-dynamics signal that have been recorded.

11. The device as recited in Claim 10, further comprising:

a real-time radio clock.

12. The device as recited in Claim 11, wherein:

a signal of the real-time radio clock is utilized for one of a spatial allocation and a geometrical allocation of a plurality of vehicles to one another.

13. The device as recited in Claim 10, further comprising:

a transmission device for transmitting a message.

14. A computer program having a program-code that when executed on one of a computer and a processing unit results in a performance of:

calculating a three-dimensional, kinematic vehicle model, the vehicle model including at least one linear-motion-dynamics signal and at least one lateral-motion-dynamics signal that can be utilized for reconstructing a vehicle movement.

15. The computer program as recited in Claim 14, an execution of the computer program further comprising:

recording a time signal.

16. The computer program as recited in Claim 15, an execution of the computer program further comprising:

obtaining the time signal from a real-time radio clock.

17. The computer program as recited in Claim 14, wherein:
- the at least one linear-motion-dynamics signal includes at least one of speed signals of all wheels, vehicular-speed signals, longitudinal-acceleration signals, and a GPS signal.
18. The computer program as recited in Claim 14, wherein:
- the at least one lateral-motion-dynamics signal includes at least one of rotational-rate signals, lateral-acceleration signals and steering-angle signals.
19. The computer program as recited in Claim 14, an execution of the computer program further comprising:
- utilizing a radar signal.
20. The computer program as recited in Claim 14, an execution of the computer program further comprising:
- utilizing a rotational-rate signal of an ESP system.
21. The computer program as recited in Claim 14, an execution of the computer program further comprising:
- outputting a message based on the at least one linear-motion-dynamics signal and the at least one lateral-motion-dynamics signal in response to a predeterminable event.
22. The computer program as recited in Claim 14, an execution of the computer program further comprising:
- allocating one of spatially and geometrically a plurality of vehicles to one another.